

SELECTIVE GOVERNOR USAGE FOR AN ENGINE

Apparatuses and methods for processing a signal in a moveable vehicle having an engine. A first combustion governor receives a first control signal and transmits a first governor signal operable to control an engine speed of the engine as a function of the first control signal. A second combustion governor receives the first control signal and to transmits a second governor signal operable to control an engine power production of the engine as a function of the first control signal. A first sensor determines a first characteristic of the vehicle transmits a first selecting signal as a function of the first characteristic. A governor-selecting device is coupled with the sensor to receive the first selecting signal. The governor-selecting device performs at least one of the following: receives the first control signal and transmits the first control signal to one of the first and second combustion governors as a function of the first selecting signal; and is coupled with at least one of the first and second governors to receive at least one of the first and second governor signals, and transmits one of the first and second governor signals as a function of the first selecting signal.